

Abstract

The inflatable kayak includes an inflatable peripheral structure defining at least one buoyancy chamber having elongated side sections that come together at a fore section and a aft section to form a passenger compartment. An inflatable floor cushion supports
5 a floor of the passenger compartment. The floor cushion includes a top wall, a bottom wall, and at least one side gusset. The surface area of the top wall is less than the surface area of the bottom wall. A plurality of elongated, I-beam baffles extends between the top wall and the bottom wall. Each I-beam baffle has a midpoint, between the fore section and aft section, and an end, wherein the height of at least one I-beams
10 baffle measured from the junction of the top wall to the junction of the bottom wall is greater at the midpoint of the baffle than at the end of the baffle. In another embodiment, the inflatable kayak includes an inflatable floor cushion wherein the distance between at least two I-beam baffles along the top wall is less than the distance between at least two I-beam baffles along the bottom wall.